

accelerate development and adoption of RFMD GaN technology. The Defense and Power Business Unit was created specifically to tailor RFMD technology to serve the needs of the defense community.

Requesting Member: Congressman HOWARD COBLE

Bill Number: H.R. 3326

Account: Air Force RDTE Advanced Materials for Weapons Systems account (PE 0603112F)

Legal Name of Requesting Entity: Timken Company

Address of Requesting Entity: GNE-01, 1835 Dueber Avenue, S.W., P.O. Box 6928, Canton, Ohio 44706

Description of Request: The bill provides \$1,000,000 for the Hybrid Bearing project at Timken Company. Standard aerospace bearings are not adequate for the demands of the Joint Strike Fighter engine, or many other engines. As a result, the Air Force has been working with industry to develop an improved bearing that is tough, corrosion resistant and can tolerate the high speeds and temperatures of the expanding mission requirements. This project will test various corrosion resistant steel, including CSS-42L, for use in the bearing, as well as the introduction of new ball and retainer materials in the final bearing design (such as silicon nitride balls, and a light weight carbon-carbon composite material for the retainer material). The hybrid bearing technology, which includes a variety of material and coating technologies, is being incorporated into the Joint Strike Fighter engine, and other platforms.

The Air Force has been working on this project since 2003 with the Timken Company. From prior year funding, 80% of the technology requirements set forth by the Air Force to bring the project to the point of final testing/ placement into weapon platforms has been completed, including full engine tests. If fully funded, the project should be completed in calendar 2010.

Requesting Member: Congressman HOWARD COBLE

Bill Number: H.R. 3326

Account: Navy RDTE Integrated Surveillance Systems account (PE 0204311N)

Legal Name of Requesting Entity: General Dynamics Advanced Information Systems—Greensboro

Address of Requesting Entity: 5440 Millstream Road, McLeansville, NC 27301

Description of Request: The bill provides \$2,000,000 for the Autonomous Anti-Submarine Warfare Vertical Beam Array Sonar project at General Dynamics. The Autonomous Anti-Submarine Vertical Beam Array (VBA) is a stationary, acoustic array system that helps protect surface ships and submarines against submarine-launched torpedoes and anti-ship cruise missiles by detecting and reporting quiet diesel and nuclear powered submarines. The VBA Sonar is deployable from Trident guided missile submarines (SSGN), the Littoral Combat Ship (LCS) and other surface ships. The VBA Sonar can be used to protect an established Sea Base or Global Fleet Station in deep water or in the littorals. Once positioned, it transmits submarine contact information back to the deploying platform's combat system for classification, localization, tracking and engagement.

Requesting Member: Congressman HOWARD COBLE

Bill Number: H.R. 3326

Account: Navy Research, Development, Test and Evaluation (RDTE) RF Systems Applied Research account (PE 0602271N)

Legal Name of Requesting Entity: RF Micro Devices

Address of Requesting Entity: 7628 Thorn-dike Road, Greensboro, NC 27409

Description of Request: The bill provides \$2,000,000 for the Gallium Nitride (GaN) Power Technology project at RF Micro Devices. Gallium Nitride-based microelectronics is the next generation of semiconductor technology. It is of critical importance to the development of many advanced defense systems, in particular radar, communications and electronic warfare systems. This technology also has the potential to open up entirely new areas of commercial wireless infrastructure applications. This Navy research project focuses on the development of advanced GaN RF power devices with enhanced performance and reliability. Building on the prior work on the project, this request addresses the challenges in using this key technology to implement solutions for the Navy's advanced RF systems needs.

RFMD Defense and Power Business Unit will be the recipient of the funding and use the funds to accelerate development and adoption of RFMD GaN technology. The Defense and Power Business Unit was created specifically to tailor RFMD technology to serve the needs of the defense community. The project will be led from the lead design and fabrication facility in North Carolina.

Requesting Member: Congressman HOWARD COBLE

Bill Number: H.R. 3326

Account: Marine Corps Operations and Maintenance Operational Forces account (1A1A)

Legal Name of Requesting Entity: Saab Barracuda USA, LLC

Address of Requesting Entity: 608 East McNeill Street, Lillington, NC 27546

Description of Request: The bill provides \$3,500,000 for the Ultra Lightweight Camouflage Net System (ULCANS) at Saab Barracuda USA, LLC. ULCANS is the next generation camouflage system. ULCANS increases survivability against advanced multi-spectral visual, infrared (IR), and radar (RF) threats, providing reduced probability of visual detection, enhanced thermal and radar signature suppression, and improved background matching. ULCANS "Marine friendly" features include a more durable and snag-resistance design. The funding requested would provide ULCANS for one Marine Expeditionary Force.

The ULCANS will greatly enhance the ability for combat troops and support units to conceal military target signatures of weapons, vehicles and semi-permanent positions in situations where the natural cover or concealment may be absent or inadequate. ULCANS can also be used as an aid in the concealment of permanent prominent objects in a fixed pattern or array, which present obvious targets. The United States Marine Corps has an Unfunded Requirement (UFR) for ULCANS. Saab Barracuda, LLC, in Lillington, North Carolina, is the industry leader in development, testing and production of multi-spectral camouflage and heat-reducing systems. The company produces 3,500-plus ULCANS systems per month. A supplier in my district, Glen Raven, provides manufacturing support for this product.

## EARMARK DECLARATION

**HON. JOHN R. CARTER**

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Thursday, July 30, 2009

Mr. CARTER. Madam Speaker, pursuant to the Republican Leadership standards on earmarks, I am submitting the following information regarding earmarks I received as part of the Department of Defense Appropriations Act for Fiscal Year 2010.

Project Name: Fort Hood Training Lands Restoration and Maintenance

Account: Operation and Maintenance, Army Project Recipient and Address: Fort Hood, TX U.S. Army Garrison, Fort Hood, Bldg. 1001, Rm W321, Fort Hood, TX 75544

Amount Provided: \$2,500,000

Project Description: Dedicated resources are needed to rehabilitate Fort Hood lands degraded by over 60 years of training with tanks and other military vehicles. Substantial rehabilitation can be achieved over the next five years with an integrated program that reduces soil erosion and compaction, increases desirable vegetation, supports woody vegetation management, and provides appropriate tank trails, stream-crossings, and hilltop access points for tactical vehicles. Texas AgriLife Research will work with Fort Hood Integrated Training Area Management (ITAM) and other collaborators to plan, implement, execute, and verify the effectiveness of these rehabilitation efforts.

Benefit to Taxpayers: The project improves training land for Fort Hood soldiers using research proven reclamation practices. The practices installed through the project have saved both time and money, while achieving training area restoration. The local economy also benefitted as local contractors were employed for soil ripping, gully plug construction, and other work.

Spending Plan: \$700,000 is for brush clearing and endangered species maintenance programs. Of the remainder, approximately 90% goes to Fort Hood-ITAM programs for implementation of training lands restoration validated practices and 10% goes to Texas AgriLife Research for assessment of these programs and development of new practices.

Project Name: Techniques to Manage Non-compressible Hemorrhage Following Combat Injury

Account: RDT&E Army

Project Recipient and Address: National Trauma Institute, 16500 San Pedro Avenue, Suite 350, San Antonio, TX 78232

Amount Provided: \$2,500,000

Project Description: Traumatic injury is a nationwide problem with severe consequences for our military and civilians. Noncompressible hemorrhage from injuries to the torso is the leading cause of potentially survivable deaths of American troops and its mitigation is the highest priority of U.S. military trauma surgeons and researchers. NTI's goal is to develop simple, rapid and field-expedient techniques for non-surgeons to stop truncal hemorrhage. To secure advances in this field will require additional federal funding. Currently, trauma research is significantly underfunded compared to illnesses which do not cause nearly the same level of mortality as trauma.

Benefit to Taxpayers: Increasing trauma research is likely to lead to the reduction of mortality and complications from noncompressible

hemorrhage and improve outcomes. This will affect soldiers as well as civilians from the 31st and every congressional district.

Spending Plan: Personnel, 54%; Materials & Supplies, 8.4%; Equipment, 4.2%; Patient Care Costs, 16.8%; Administrative Costs, 16.2%.

Project Name: Army National Guard M939A2 Repower Program

Account: O&M Army National Guard  
Project Recipient and Address: Osh Kosh Corporation, 1300 N. 17th St., Suite 1040, Arlington, VA 22209

Amount Provided: \$5,000,000

Project Description: Army National Guard M939A2 Repower Program. Due to the age of the M939 vehicle fleet, a lack of a support program for major sub-assemblies, and parts obsolescence, the M939A2 Repower program is a critical program to maintain the M939 series 5-ton trucks the U.S. Army will have in its inventory until 2035.

Benefit to Taxpayers: The M939 series vehicles are fielded in all 54 states and territories and are used extensively in Homeland Security, disaster relief, emergency response, and training missions. This program benefits Central Texas (Killeen/Ft. Hood area) from a work force and supplier perspective. Approximately 48 production employees and support staff are involved in the M939A2 Series 5-ton Repower Program in Killeen, TX.

Spending Plan: \$5 million to install vehicle repower kits for aging Army National Guard M939 Series 5-ton trucks utilized in homeland defense and national security missions. Approximately 90 percent of funding is for material, including engine, transmission, cooling package, electronics, and other vehicle components, with the remaining 10 percent for manufacturing labor.

Project Name: High Volume Manufacturing for Thin-film Lithium Stack Battery Technologies

Account: RDT&E Army  
Project Recipient and Address: Applied Material, 1300 N. 17th St., Suite 1040, Arlington, VA 22209

Amount Provided: \$1,000,000

Project Description: The war fighter is reliant on dependable power for electronics and weapons to assure superiority in battle. The power sources must have energy available to power the electronics and weapons and be small, light and affordable. Applied Materials will develop cost effective domestic mfg. systems for next generation thin-film lithium batteries that provide a solution to these challenges that meet current and projected future DOD requirements for high power, light weight, small size and low-cost. Successful development of the proposed mfg. systems will address the DoD power source technology requirements such as energy and power density, life cycle, shelf life, discharge and charge rates, form factor, safety and cost for the needed military applications such as sensors, fuses and man wearable soldier battery devices.

Benefit to Taxpayers: This project establishes in the U.S. innovative manufacturing technologies for a strategically important military and commercial field—thin-film energy storage technology. It will strengthen the competitive edge of Applied Materials and enable U.S. based companies to provide high-tech next generation domestic sources of thin film lithium batteries for military and commercial applications.

Spending Plan: The total project cost is \$30.5 million of which Applied Materials has requested \$3.0 million from Congress. Applied Materials will match the federal contribution dollar for dollar: Personnel Salaries/Wages, \$12,777,500; Travel, \$660,000; Equipment, \$14,165,667; Materials/Supplies, \$2,904,000; Others (Shipping), \$24,000; Total Direct Costs, \$30,531,167.

Project Name: HTS Trap Field Magnet Motor

Account: RDT&E Navy  
Project Recipient and Address: Teco Westinghouse Motor Company, 5100 North IH 35, Round Rock, TX 78681

Amount Provided: \$1,000,000

Project Description: The megawatt power on Navy future ships is estimated to be six times greater than that of existing surface combatants. The emergence of superconductor motors have the potential to make propulsion packages smaller, more powerful, more energy efficient, and quieter than their standard counterparts. The cost of superconductor motors, however, must be reduced if they are to be affordable for Navy ship applications. This development effort is for the purpose of demonstrating that bulk high temperature trapped field magnets can be used rather than wire to reduce the cost of superconducting motors by one third, produce twice the power, and increase safety of the crew and ship by being able to turn the magnets off during fault conditions.

Benefit to Taxpayers: Will help sustain the 391 jobs at TECO-Westinghouse in Round Rock and create 4 new jobs. Once the program moves from development to production phase, it would have direct impact on 40 to 50 jobs. The benefit to the U.S. Navy is that it would have a powerful, affordable, reliable, and safe motor to support advanced weapon systems and radars on future ships in meeting the Navy's requirements stated in its Next Generation Integrated Power System Roadmap.

Spending Plan: If fully funded, the \$6 million requested in FY10 combined with the \$2 million appropriated in FY09 is expected to complete the development effort. The breakout is as follows: \$920,000 for Program Management and Support; \$3,500,000 for engineering labor; \$290,000 for manufacturing labor; \$1,290,000 for Testing.

#### TRIBUTE TO KELSEY DENNIS

### HON. TOM LATHAM

OF IOWA

IN THE HOUSE OF REPRESENTATIVES

Thursday, July 30, 2009

Mr. LATHAM. Madam Speaker, I rise today to recognize and congratulate Kelsey Dennis, a student at Ames Middle School in Ames, Iowa, on being selected as a winner of the Library of Congress's 2009 Letters About Literature Competition.

The Letters About Literature Competition is a reading and writing program sponsored by the Library's Center for the Book in partnership with Target Stores and in cooperation with affiliate state Centers for the Book located across the country. Kelsey's letter was one of approximately 55,000 entries nationwide selected from students in grades four through twelve. Her letter was written to Jerry Spinelli, the author of *Stargirl*.

I consider it a great honor to represent Kelsey Dennis and her family in the United States Congress, and I know that my colleagues join me in congratulating her. I wish Kelsey continued success in her future education and career.

#### EARMARK DECLARATION

### HON. HAROLD ROGERS

OF KENTUCKY

IN THE HOUSE OF REPRESENTATIVES

Thursday, July 30, 2009

Mr. ROGERS of Kentucky. Madam Speaker, pursuant to the House Republican standards on congressionally-directed funding, I am submitting the following information regarding funding included in H.R. 3326—Department of Defense Appropriations Act, 2010

Requesting Member: Congressman HAROLD ROGERS

Bill Number: H.R. 3326

Account: OM, A

Legal Name of Requesting Entity: Outdoor Venture Corporation

Address of Requesting Entity: 2280 S. Highway 1651, Stearns, KY 42647

Description of Request: The funding of \$6 million will be used to address U.S. Army modular command post tent needs.

Requesting Member: Congressman HAROLD ROGERS

Bill Number: H.R. 3326

Account: OM, A

Legal Name of Requesting Entity: Outdoor Venture Corporation

Address of Requesting Entity: 2280 S. Highway 1651, Stearns, KY 42647

Description of Request: The funding of \$3 million will be used to address U.S. Army air-supported temper tent needs.

Requesting Member: Congressman HAROLD ROGERS

Bill Number: H.R. 3326

Account: RDTE, N

Legal Name of Requesting Entity: Progeny Systems Corporation

Address of Requesting Entity: 155 Valley Oak Drive, Suite B, Somerset, KY 42503

Description of Request: The funding of \$2.5 million will be used for the development of a biometrics-based submarine access control system to automate and simplify secure system access. Properly configured biometrics systems, engineered into tactical system workstations and ship infrastructure, offer the ability for systems to reliably recognize users without user intervention, resulting in rapid and secure system access.

Requesting Member: Congressman HAROLD ROGERS

Bill Number: H.R. 3326

Account: RDTE, N

Legal Name of Requesting Entity: Boneal Incorporated

Address of Requesting Entity: 6962 U.S. Highway 460, Means, KY 40346

Description of Request: The funding of \$5 million will be used for the development of experimental low cost, expendable autonomous underwater vehicles (AUVs). AUVs provide support for a variety of mission including intelligence, surveillance, reconnaissance, deployment of mine counter measures, and assistance of anti-submarine warfare.

Requesting Member: Congressman HAROLD ROGERS